



LG Escape (p870) charging port board assembly

This guide will show you how to replace the charging port assembly on your LG Escape (p870).

Written By: Brad





TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [Flathead 3/32" or 2.5 mm Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Battery



- Turn the device over and pull the back plastic cover off by inserting your fingernail into the opening at the bottom of the phone and gently pulling.

Step 2



- With your finger and from the bottom edge, lift the battery out of the phone and set it aside.
- You now have access to:
 - Your SD card
 - Your SIM card
 - Your device's serial numbers

Step 3 — Loudspeaker Assembly

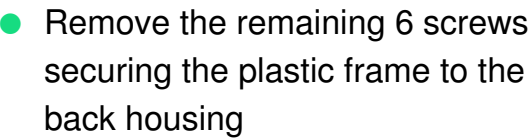


- Remove the 4 Phillips 00 screws securing the speaker assembly to the phone housing.

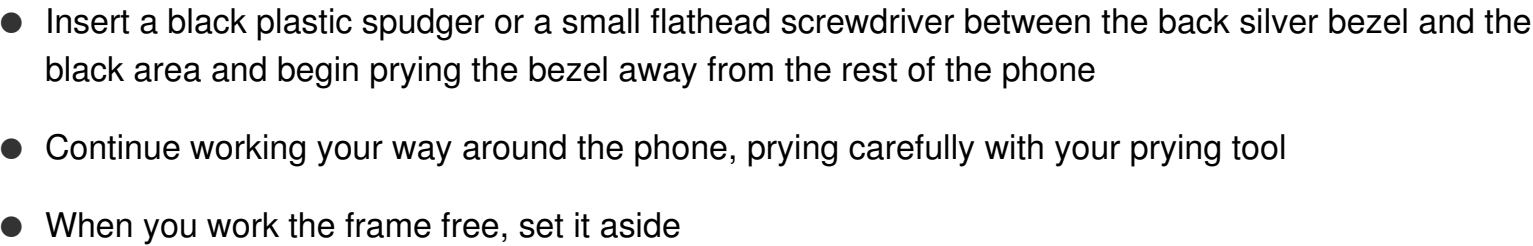
Step 4



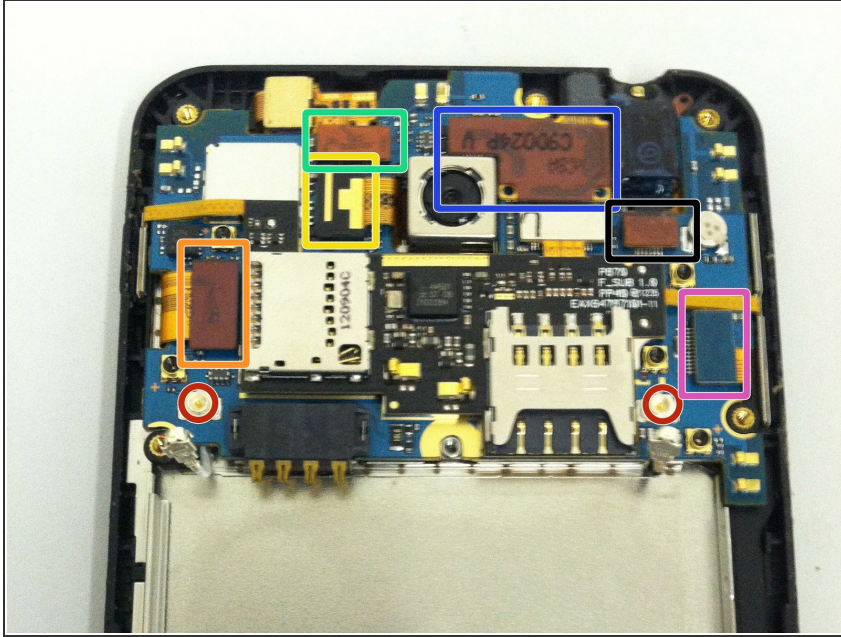
- Carefully insert a small flathead screwdriver between the speaker assembly and the rear housing
- Pry the speaker assembly out of the phone and set it aside



Step 6

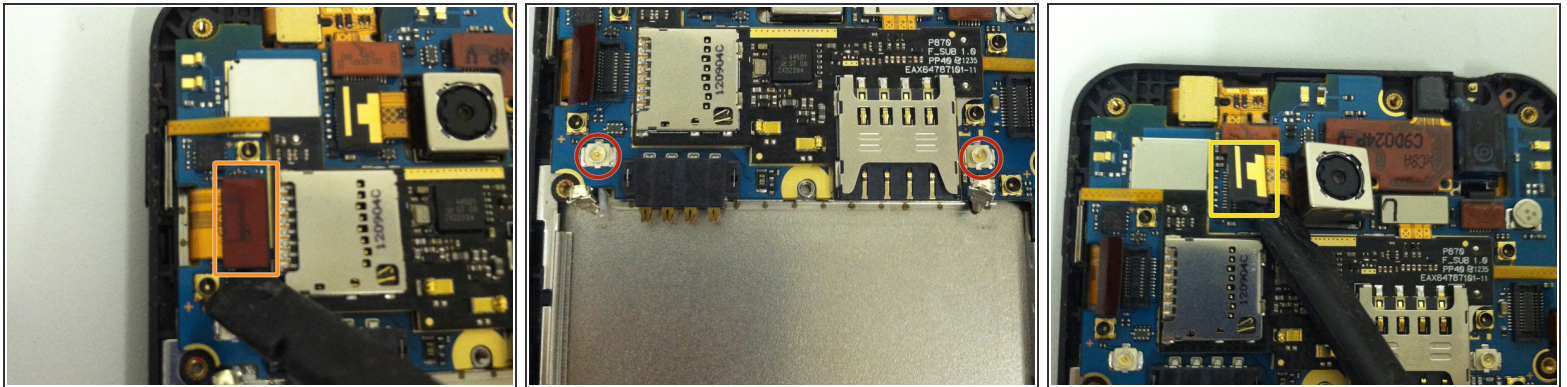


Step 7



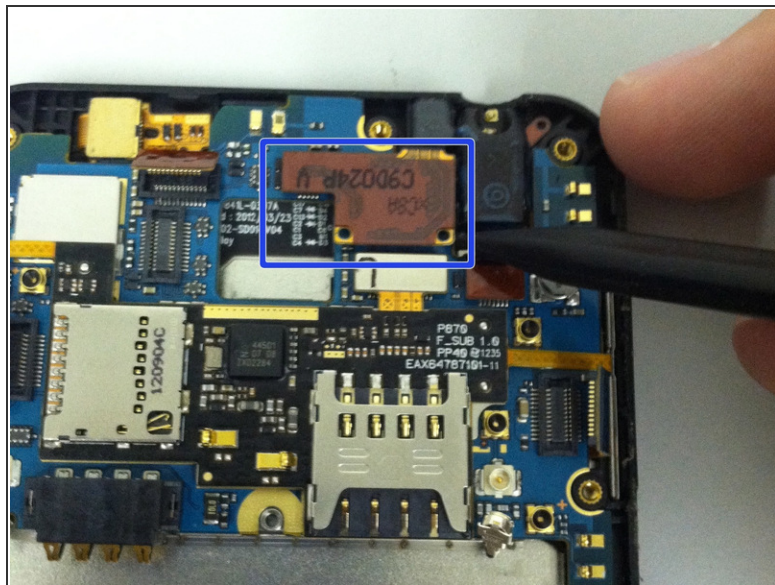
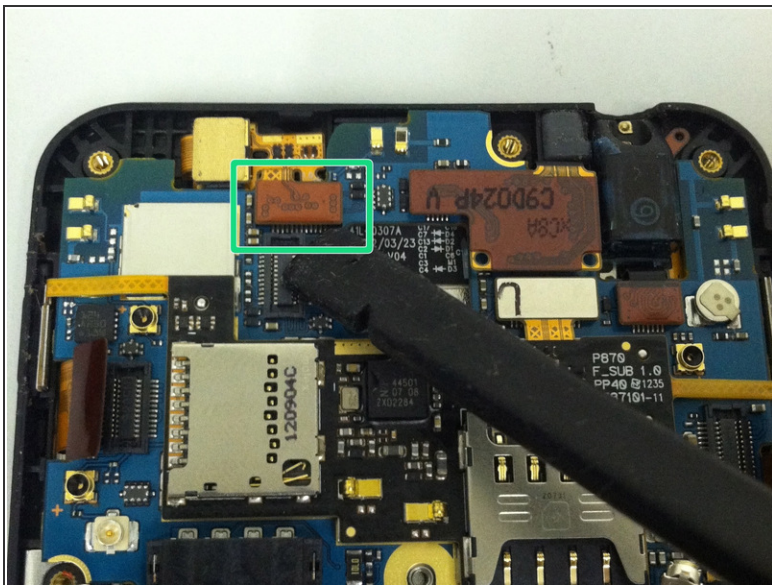
- Wifi and cell service antennas
- LCD connector
- Back camera connector
- Front camera connector
- Touch screen/ digitizer connector
- Charger port connector
- Headphone jack connector

Step 8



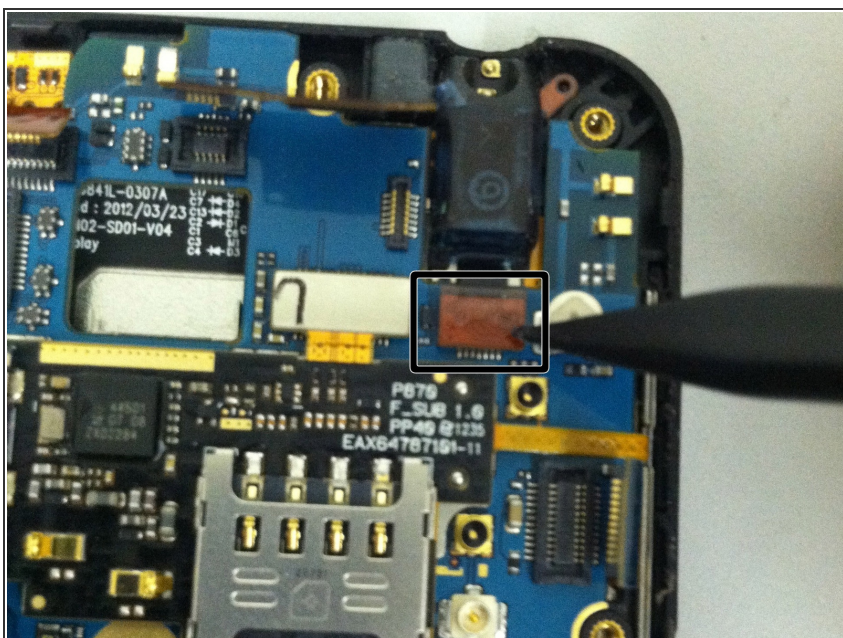
- With a spudger or safe open pry tool, carefully detach the LCD flex connector
- Release the two antennae from their connectors
- Release the back camera's flex from its connector

Step 9



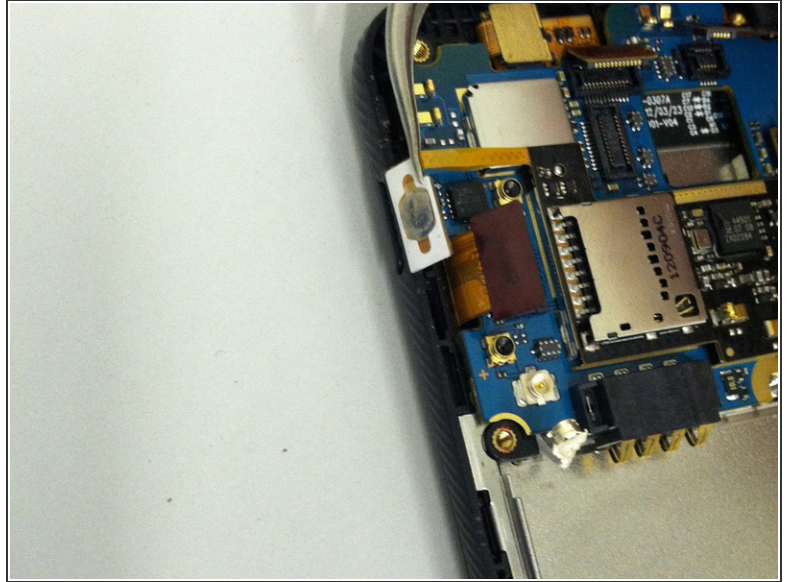
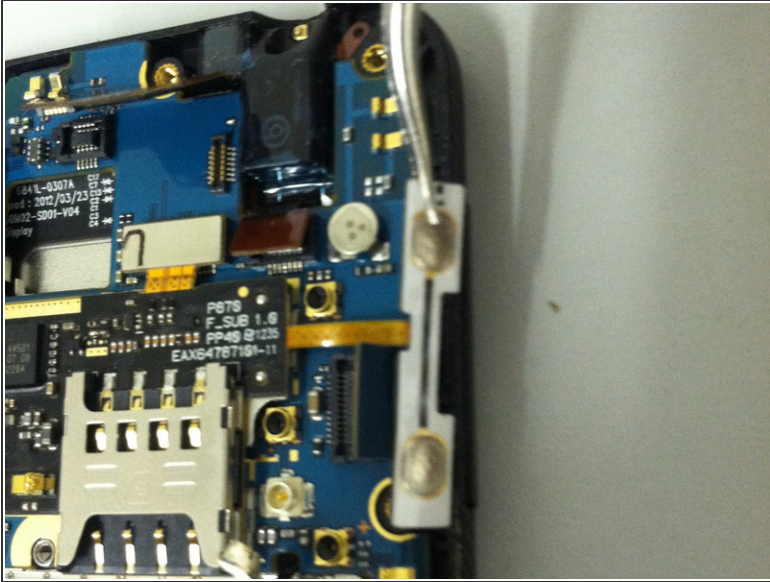
- Release the charging port flex from its connector
- Release the front camera's flex from its connector
- Release the touch screen/digitizer's flex cable from its connector

Step 10



- Release the headphone jack's flex cable from its connector

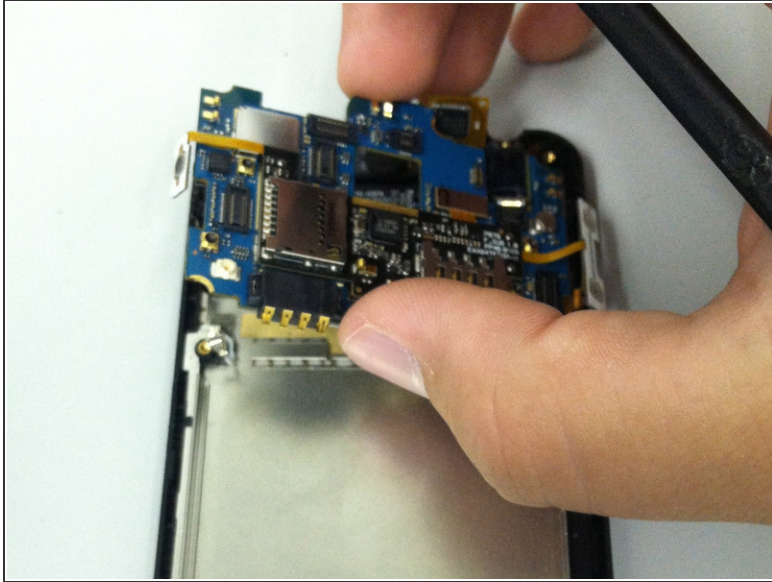
Step 11



- With a pair of tweezers, VERY carefully pull the volume button flex out of the rear housing
- Repeat the process with the power button flex cable

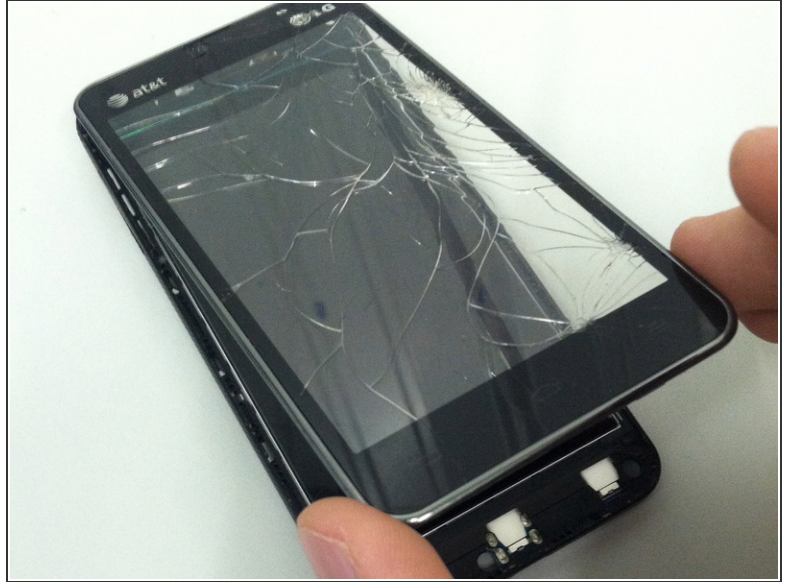
⚠ The power button and volume button flex cables will tear very easily, so be cautious

Step 12



- Lift the motherboard away from the housing, taking extra care not to snag any of the antennae or flex cables
- Set the motherboard aside

Step 13



- Insert a small flathead screwdriver or black plastic spudger between the front silver bezel and the black plastic mid-frame
 - Gently pry on the bezel to release the clips adhering the screen to the mid-frame
 - Work your way around the phone, still using the small flathead or spudger, until the screen is fully separated
 - Remove the screen, taking care not to tear the flex cable that is still threaded through the housing.
- ✦ After carefully threading the digitizer and outer housing/bezel from the middle bracket you'll notice the digitizer is held on by a band of very strong adhesive - this will be destroyed when you take off the old digitizer. When you replace your digitizer you can use double-sided tape or epoxy to hold the new digitizer on the bezel.

Step 14 — Charging Port



- Gently pry the charging port assembly's ribbon cable starting at the top (marked in blue)
- Slowly peel the ribbon cable downward until the charging port assembly is no longer adhered to the housing
- Remove the assembly and set it aside



Be careful not to tear the antennae when pulling the charging assembly out of the phone

To reassemble your device, follow these instructions in reverse order.

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